

# EG 45-A/ABS BK - Upper housing part

2909688

<https://www.phoenixcontact.com/us/products/2909688>

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Component housing, Cover, for two-sided connection, width: 45 mm, height: 75 mm, color: black (similar RAL 9005)

The figure shows fully mounted versions of the electronic housing, in green

## Your advantages

- Tool-free mounting

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2909688                        |
| Packing unit                         | 100 pc                         |
| Minimum order quantity               | 100 pc                         |
| Note                                 | Made to order (non-returnable) |
| Product key                          | ACHCGA                         |
| GTIN                                 | 4017918406608                  |
| Weight per piece (including packing) | 19.56 g                        |
| Weight per piece (excluding packing) | 11.031 g                       |
| Country of origin                    | PL                             |

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## Technical data

### Product properties

|                              |                    |
|------------------------------|--------------------|
| Product type                 | Upper housing part |
| Housing type                 | Component housing  |
| Housing series               | EG                 |
| Product family               | EG...A             |
| Number of positions          | 16                 |
| Number (Connection openings) | 2                  |
| Ventilation openings present | no                 |

### Dimensions

|                     |   |
|---------------------|---|
| Dimensional drawing |  |
| Width               | 45 mm   |
| Height              | 75 mm   |

### PCB design

|               |                   |
|---------------|-------------------|
| PCB thickness | 1.4 mm ... 1.8 mm |
|---------------|-------------------|

### Material specifications

|  |                  |
|--|------------------|
| Color (Upper housing part)             | black (RAL 9005) |
| Material Upper housing part            | ABS              |
| Flammability rating according to UL 94 | HB               |

### Environmental and real-life conditions

#### Ambient conditions

|   |   |
|---|---|
| Max. IP code to attain                  | IP20  |
| Ambient temperature (operation)         | -40 °C ... 80 °C (depending on power dissipation) |
| Ambient temperature (storage/transport) | -40 °C ... 55 °C                                  |
| Ambient temperature (assembly)          | -5 °C ... 80 °C                                   |

### PCB data

|                      |                   |
|----------------------|-------------------|
| Thickness of the PCB | 1.4 mm ... 1.8 mm |
|----------------------|-------------------|

### Mounting

|               |         |
|---------------|---------|
| Mounting type | Snap in |
|---------------|---------|

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## Drawings

Dimensional drawing



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Component mounting side, if the double-level upper part is used

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valid for PCB 1; 3; 5 and 6, see explosion drawing



valid for PCB 7 and 12, see explosion drawing

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valid for PCB 10, see explosion drawing

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valid for PCB 13

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valid for PCB 14

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2909688>



**UL Recognized**

Approval ID: E240868

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27190603 |
| ECLASS-15.0 | 27190603 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC002779 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

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## Environmental product compliance

### EU RoHS

|   |                    |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

### China RoHS

|  |  |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|  | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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